

In the Drawings:

Replace the original drawing sheets with the attached drawing sheets.

Figure 2 is replaced by a drawing in which elements are not omitted due to poor copying quality.

Figures 3, 10 and 14 are replaced by new figures which are not shaded and therefore show the described elements in more detail.

REMARKS

The Examiner objected to Figures 2, 3, 10 and 14 due to the poor quality of the reproductions. Applicants have submitted replacement drawings to overcome the Examiner's objections.

Applicants have amended the specification to overcome the Examiner's objections thereto, specifically, applicants have deleted the embedded hyperlinks, provided the serial nos. and status of the incorporated patents, and have ensured that when they are used, the trademarks Windows, Java, Microsoft and Netscape are capitalized.

Claims 1-37 are pending and stand rejected. Claims 18 and 19 have been objected to.

Claims 17-20, 26, 27, 30, 35 and 36 stand rejected under 35 USC 101 as failing to recite statutory subject matter. Applicants respectfully traverse this rejection. Claims 17-20, 26, 27, 30, 35 and 36 are dependent claims. Claim 1, the independent claim from which these claims depend, recites statutory subject matter and has not been rejected by the examiner as failing to do so. Specifically, claim 1 is directed towards a system for integrating a sellers web site with a public key infrastructure, wherein a buyer's computer and a bank's infrastructure are utilized. Applicants submit that it is not possible for a dependent claim to be directed to non-statutory subject matter when it depends from an independent claim which is directed to statutory subject matter. This rejection is therefore improper; accordingly, applicants request that the Examiner withdraw the rejection.

Claims 18-21 stand rejected under 35 USC 112, for having insufficient antecedent basis for the term "the servlet." Initially, applicants note that claims 19 and 21 do not recite this term, therefore applicants request clarification of this rejection with regard to those claims. Claim 18 depends from claim 20 and applicants have amended claim 20 to depend from claim 17, which recites "a servlet," thereby overcoming the Examiner's rejection with regards to claims 18 and 20.

Claims 19, 27, 30 and 36 stand rejected under 35 USC 112, second paragraph, as indefinite. The Examiner asserts that the claims recite methods that are not clearly defined in the specification. Applicants traverse this rejection and respectfully direct the Examiner's attention to the following tables

which clearly define the methods recited in the claims: the table beginning on page 12, which defines the methods recited in claim 19; the table beginning on page 15, which defines the methods recited in claim 27; the table beginning on page 16, which defines the methods recited in claim 30; and the table beginning on page 19, which defines the methods recited in claim 36. The aforementioned tables adequately define the methods recited in claims 19, 27, 30 and 36; the claims are therefore allowable.

Claim 22 stands rejected under 35 USC 112, for lack of antecedent basis regarding the term “the integer value.” Applicants have overcome this rejection by amending claim 22 to depend from claim 21 which recites “an integer value,” and thereby provides a sufficient antecedent basis. Claim 22 is therefore allowable.

Claim 28 stands rejected under 35 USC 112 for using the trademark/trade name “java.” Applicants have overcome this rejection by amending claim 28 to remove the term “java” and to instead recite “an object oriented computer programming language.”

Claims 30-36 stand rejected under 35 USC 112 for lack of antecedent basis. Applicants have overcome these rejections by amending claims 30-36 such that a proper antecedent basis is provided. Claims 30-36 are therefore allowable.

Claim 37 stands rejected under 35 USC 102(e) over Cook (U.S. Patent No. 6,675,153). Applicants traverse this rejection based on Cook’s failure to disclose or suggest all of the features recited in claim 37.

Initially, applicants note that the Examiner cited blocks 114 and 118 of Figure 2 as disclosing a “Web application adapted to identify HTTP requests that include data requiring signature and to create a Web page for transmission to a browser that will cause the browser to invoke a signing interface to sign the data,” as recited in claim 37. However, Figure 2 of Cook does not contain reference numerals 114 or 118. Applicants assume for the purpose of this response that the Examiner intended to cite the Charge Slip 114 and the Charge Slip Application 118 depicted in Figures 1 and 3 of Cook. If applicants’ assumption is incorrect, the Examiner is requested to clarify the rejection by way of a non-final action.

Applicants’ invention relates to a system for integrating a seller’s web site with a public key

infrastructure. As shown in Figure 2, when a buyer forwards an HTTP request to the seller, the seller's web application analyses the request to determine if it includes data requiring a signature or if the request requires service provided by an entity other than the seller.

The invention of Cook is drawn to a system for authorizing charges where a consumer's personal information, such as a billing address and credit card number, are stored in a centralized repository. In Cook, a merchant using the system maintains a charge slip interface 103 on the merchant's web site. A consumer must first register to use the invention by supplying a valid credit card number and billing address to the central repository along with an authorized digital signature. Then, when a consumer uses an approved online merchant, the merchant provides an electronic sales slip to the consumer to be digitally signed. When the consumer returns the signed slip to the merchant, the merchant then forwards the slip to the central repository for approval. The central repository then either approves or refuses the charges. The merchant then treats the response from the central repository as if it were an approval/denial from the credit card issuer itself.

Cook does not disclose or suggest that a web application that identifies HTTP requests, which include data requiring a signature, is "further adapted to identify HTTP requests that require a service provided by an entity other than the seller" as recited in claim 37. While applicants' specification details several instances where other services may be required, it is sufficient here to note that the web application recited in claim 37 identifies HTTP requests that require an electronic signature as well as requests that require other services.

In contrast, the only requests disclosed in Cook are those requiring signatures. While the Examiner cites to the "Zixmall" 108, shown in Figures 1 and 3 of Cook, applicants submit that the Zixmall 108 does not disclose or suggest this feature. The Zixmall 108 is merely a separately maintained entity that is able to direct online shoppers to online merchants that use Cook's invention. The Zixmall 108 is not at all related to a web application that determines if HTTP requests require signatures. Claim 37 is therefore allowable over Cook.

Claims 1-3, 5-9, 20, 21, 23-25, 28, 29 and 31-34 stand rejected under 35 USC 103(a) over Linehan (U.S. Patent No. 6,327,578) in view of Tozzoli (U.S. Patent No. 5,717,989). Applicants traverse this rejection.

Claim 1 recites in part, “a filter adapted to redirect HTTP requests received from the Web browser” and “a filter engine adapted to receive [a] processed HTTP request and identify an HTTP request that contains data requiring signature by the buyer.” The Examiner has conceded that Linehan does not disclose or suggest using either a filter or a filter engine, however, the Examiner asserts that these features are disclosed by Tozzoli. Applicants respectfully submit that Tozzoli’s mere use of filtering when processing transactions over the internet does not disclose or suggest the features recited in claim 1.

While Tozzoli may disclose using a filter in an internet transaction, Tozzoli’s filter is used for an entirely different purpose. As described in col. 6, lines 60-65, and col. 7, line 42, through col. 8, line 3, Tozzoli uses filters to compare purchase order information with a prescribed set of criteria to determine if an offer should be considered. This does not in any way disclose or suggest “a filter adapted to redirect HTTP requests received from the Web browser” or “a filter engine adapted to receive [a] processed HTTP request and identify an HTTP request that contains data requiring signature by the buyer.” The passage cited by the Examiner at col. 11, lines 52-57, merely indicates that purchase order data is filtered against account parameters.

The mere mention of a filter in Tozzoli is insufficient to disclose or suggest the features recited in claim 1, therefore, applicants submit that claim 1 is allowable over the combination of Linehan and Tozzoli because the cited art fails to disclose or suggest all of the features recited in the claims.

Claims 2-36 depend from claim 1 and are therefore also allowable.

Applicants solicit an early action allowing the claims.

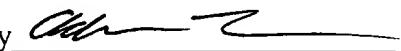
In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejections of the claims and to pass this application to issue. If it is determined that a

telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicants petition for any required relief, including extensions of time, and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 388022000700. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

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